A Bibliography of the Arctic Charr, *Salvelinus alpinus* (L.), Complex: 1996-2000

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A BIBLIOGRAPHY OF THE ARCTIC CHARR, *Salvelinus alpinus* (L.), COMPLEX: 1996-2000

by

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ABSTRACT

Marshall, K.E., J. A. Babaluk, and D.L. Laroque. 2000. A bibliography of the Arctic charr, *Salvelinus alpinus* (L.), complex: 1996-2000. Can. Tech. Rep. Fish. Aquat. Sci. 2346: iv + 44 p.

A list of some 355 references, mostly published between 1996 and 2000, is presented. In addition to Arctic charr, *Salvelinus alpinus* (L.), the bibliography lists references to other closely related species including Dolly Varden, *S. malma* (Walbaum), bull trout, *S. confluentus* (Suckley), and white-spotted charr, *S. leucomaenis* (Pallas). The bibliography proper is in alphabetical order by author. Taxonomic, geographic and subject indexes are also given.

Key words: *Salvelinus alpinus; Salvelinus confluentus; Salvelinus leucomaenis; Salvelinus malma;* Arctic charr; bull trout; Dolly Varden; white-spotted charr; bibliographies.

RÉSUMÉ

Marshall, K. E., J. A. Babaluk, and D.L. Laroque. 2000. A bibliography of the Arctic charr, *Salvelinus alpinus* (L.), complex: 1996-2000. Can. Tech. Rep. Fish. Aquat. Sci. 2346: iv + 44 p.

On présente une list de 355 références parues entre 1996 et 2000. En plus des références portant sur l'omble chevalier, *Salvelinus alpinus* (L.), la bibliographie comprend des références ayant trait à d'autres taxons étroitement apparentés, dont la Dolly Varden, *S. malma* (Walbaum), omble à tête plate, *S. confluentus* (Suckley), et l'omble, *S. leucomaenis* (Pallas). La bibliographie ellemême est présentée par ordre alphabétique des noms d'auteurs. Elle contient également un index taxonomique, un index geographique et un index des sujets.

Mots-clés: *Salvelinus alpinus; Salvelinus confluentus; Salvelinus leucomaenis; Salvelinus malma;* omble arctique; Dolly Varden; omble à tête plate; bibliographies.

INTRODUCTION

This is the seventh of a series of bibliographies on this group of fishes. Previous bibliographies are Marshall (1977 and 1981), Marshall and Layton (1985), Heuring et al. (1991) and Marshall et al. (1994 and 1998).

The present compilation is made up of 355 references, most of which have appeared since 1996. However, a few items have been found which were missed when compiling the earlier bibliographies and these have been included. Since this bibliography was prepared in 2000 the coverage of that year is by no means complete.

It has not been possible to check the original documents for many of the items listed. These have been found in secondary sources and could not be located in the libraries to which we have access. Bear in mind that errors in transcription do occur. Thus, minor errors are possible and apologies are given in advance should these cause users inconvenience.

References have been collected from a variety of sources. *Biological Abstracts* (including *Biological Abstracts/RRM*) and *Aquatic Sciences and Fisheries Abstracts* have been scanned on a regular basis. Various bibliographic database services available in the Eric Marshall Aquatic Research Library of the Freshwater Institute in Winnipeg have been searched and these include *Arctic and Antarctic Research* and *Fish and Fisheries Worldwide*. The WAVES/Vagues database of the holdings of the libraries of Fisheries and Oceans Canada has also been searched. Material arriving in the Eric Marshall Aquatic Research Library has also been scanned for pertinent material. Since the senior author moved to Vancouver Island the library of the Pacific Biological Station has also been visited on a regular basis in search of material.

FORMAT

The format of this report is similar to that used in the previous bibliographies. There are four indexes: author, taxonomic, geographic and subject. Entries in the last three refer users to the author index for complete citations.

Author Index

References are arranged in alphabetical order by author. Those by more than one author are listed following those by the senior author alone. Works by the same author (or authors) are arranged by date of publication, the oldest being first. Where authors have more than one publication issued in the same year, A, B, etc. has been used to distinguish between them in the indexes. Cross references to junior authors are not provided. Authors' initials have been standardised, to the most complete found, so that a proper alphabetical sequence can be maintained.

This index is the bibliography proper. The title is given first in the language in which the publication is written (if the title is known). In the case of material in the Cyrillic (Russian) alphabet the transliteration system used by *Chemical Abstracts* has been followed for all material seen in the original. Publications in Japanese are only cited by an English translation of the title. Items which could not be located are cited as given in the source. Brackets [ ] have been used to indicate information added by the compilers; this includes translation of non-English titles and indications that a paper is only an abstract or summary. In the case of Russian papers appearing in the "cover-to-cover" translation journals (e.g., *J. Ichthyol.*) the translated paper is cited first and the title and location of the original appended as a note.

Anonymous editorial articles have been listed under the name of the journal (e.g., an editorial in *Fish Farming International* is listed under that name).

Accents and diacritical marks have not been used and the base letters have been used on their own. Many sources, for example, insert an "e" when an umlaut is removed (i.e., ü is rendered as "ue"). This practice is not followed here.

The system of abbreviations used for the titles of journals is basically that used in *Serial Sources for the BIOSIS Data Base* (BIOSIS 1993). However, in a small number of cases where the BIOSIS abbreviation is very long (e.g., listing the topics covered by lettered subseries) a shortened form has been used when there is no possibility of confusion.
A few references may lack details of the place of publication or exact pagination. These have

been taken from secondary sources and the compilers have not been able to locate the complete volumes in those libraries to which we have access. Hopefully, enough information is provided to enable users to find the items in question.

An asterisk, *, following a citation in the author index indicates that this item is held in the Eric Marshall Aquatic Research Library at the Freshwater Institute in Winnipeg. A number sign, #, indicates that it is in the library of the Pacific Biological Station in Nanaimo.

At the end of each citation, an indication is given of the species covered by that item if it is not mentioned in the title either by common or scientific name. The following indicates the scientific name corresponding to the common names for the major species covered:

Arctic charr - *Salvelinus alpinus*
Bull trout - *Salvelinus confluentus*
Dolly Varden - *Salvelinus malma*
White-spotted charr - *Salvelinus leucomaenis*

Taxonomic Index

The genera and species, as quoted by authors (and secondary indexing sources), are listed in alphabetical order. No attempt has been made to follow any standard classification. Readers are referred by author(s) and date to the Author Index for the complete citation.

Geographic Index

Geographic locations of significance are identified in this index. Canada and the United States have been subdivided by province, territory or state. Sea areas are listed at the end.

Subject Index

Subject headings similar to those used in the past bibliographies have been used and are arranged alphabetically. Users may find the Contents List a useful guide to the headings used. Again, when the original publication was not at hand, subject indexing used by secondary sources, has been used.

CONCLUSION

This bibliography, as with any similar work, cannot claim to be fully complete. It may be the final bibliography in this series as the senior author is now retired and lives on Vancouver Island and finds it increasingly difficult to keep abreast of new material as it appears.

ACKNOWLEDGEMENTS

Thanks are due to the staffs of both the Eric Marshall Aquatic Research Library and the Pacific Biological Station Library for their assistance in providing access to their holdings and access tools. We thank C. Evans and E. Simundsson for reviewing an early version of the bibliography.

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